LISTING OF CLAIMS:

1. (Previously Presented) An information management system, comprising:

a data repository adapted to store related data tied to a key parameter field, wherein the related data are relevant to a hydrocarbon-producing portfolio; and

at least one application server adapted to provide a plurality of different applications to a plurality of users, the at least one application server operatively coupled to the data repository, each of the plurality of different applications adapted to generate at least some related data having the key parameter field, wherein the data repository is adapted to be updated with the related data generated by each of the plurality of different applications having the key parameter field, the at least one application server adapted to serve the related data from the data repository when ones of the plurality of different applications use and generate the related data having the key parameter field.

2. (Original) The system as defined in claim 1, wherein the data repository is adapted to store all data generated by each of the plurality of different applications.

3. (Original) The system as defined in claim 1 wherein the data repository comprises a plurality of databases each adapted to store data from a respective one of the plurality of different applications.

4. (Previously Presented) The system as defined in claim 1, wherein the plurality of different applications comprises at least two selected from the group consisting of a geoscience application, a petroleum land management application, a drilling engineering application, a finance application, a reservoir engineering application, a sales and marketing application, and a field operations application.

5. (Original) The system as defined in claim 1, wherein the plurality of different applications comprises at least one selected from the group consisting of a database management application, a portfolio management application, and a portfolio forecast application.

6. (Original) The system as defined in claim 5, wherein the database management application comprises a front-end user interface operatively coupled to the data repository and adapted to generate at least some data having the key parameter field when ones of the plurality of users enter data into the front-end user interface.

7. (Original) The system as defined in claim 6, wherein the front-end user interface comprises a plurality of different application modules each directed to specific ones of the plurality of users.

8. (Original) The system as defined in claim 5, wherein the portfolio management application comprises a resources optimization program adapted to use the related data retrieved from the data repository to generate an optimized allocation of resources based on at least one selected criterion.

9. (Original) The system as defined in claim 8, wherein the selected criterion comprises at least one selected from the group consisting of developing most profitable assets first, achieving a selected net cash flow, achieving a selected earnings, achieving a selected level of production, satisfying obligations on time, and developing assets to achieve the greatest net cash flow in a selected amount of time for a selected amount of capital.

10. (Original) The system as defined in claim 8, wherein at least one application server is adapted to automatically update selected ones of the related data when the resource optimization program generates optimized allocation of resources data.

11. (Original) The system as defined in claim 5, wherein the portfolio forecast application is adapted to forecast future performance of assets based on the related data.

12. (Original) The system as defined in claim 1, further comprising a notification system adapted to automatically notify at least one user when related data relevant to the at least one user has been updated in the data repository.

13. (Original) The system as defined in claim 1, wherein the plurality of users comprise members of an asset development team having different functions related to the development and management of assets in the portfolio, each member responsible for providing particular related data corresponding thereto.

14. (Original) The system as defined in claim 13, wherein the members of the asset development team comprise at least two selected from a geoscientist, a landman, a reservoir engineer, a regulatory compliance administrator, a drilling engineer, a finance analyst, a field operator, a sales and marketing representative, and a portfolio manager.

15. (Previously Presented) A management system for a hydrocarbon-producing portfolio, comprising:

at least one server adapted to serve a plurality of applications to respective users, each of the applications adapted to generate data corresponding to the respective user, at least some of the data generated by each application having a key parameter field therein, wherein the data are relevant to a hydrocarbon-producing portfolio;

a database management system operatively coupled to the at least one server and adapted to store at least some of the data generated by each of the plurality of applications and update any of the stored data having the key parameter field when ones of the plurality of applications

modify any of the stored data having the key parameter field; the at least one server adapted to serve the updated data to any other ones of the plurality of applications when the other ones of the plurality of applications retrieves the updated data having the key parameter field; and

at least one business process model application adapted to apply a business process model to selected ones of the stored data to generate modeled data having the key parameter field, the at least one business process model application adapted to automatically update the modeled data when any ones of the selected ones of the stored data are updated by operation of any of the other applications.

16. (Original) The system according to claim 15, wherein the business process model comprises creating an optimized drilling schedule.

17. (Original) The system according to claim 15, wherein the business process model comprises forecasting hydrocarbon production for a selected drilling schedule.

18. (Original) The system according to claim 15, wherein the respective users comprises at least two selected from geoscientists, landmen, reservoir engineers, regulatory compliance administrators, drilling engineers, finance analysts, field operators, sales and marketing representatives, and portfolio managers.

19. (Original) The system according to claim 15, wherein the plurality of applications comprises a part of the database management system.

20. (Original) The system according to claim 19, wherein the plurality of applications comprises application modules embedded in the database management system.

21. (Previously Presented) A method for managing information, comprising:

serving a plurality of applications to respective users, each of the plurality of applications generating data corresponding thereto, at least some of the data generated having a key parameter field therein, wherein the data are relevant to a hydrocarbon-producing portfolio;

storing the data generated by each application;

updating any of the data having the key parameter field when ones of the plurality of applications is used to modify any of the stored data having the key parameter field; and

serving the updated data to any other ones of the plurality applications when said other ones of the plurality of applications retrieves from storage the data having the key parameter field.

22. (Original) The method as defined in claim 21, wherein the plurality of applications comprises a plurality of separate applications each directed to at least one of the respective users.

23. (Original) The method as defined in claim 21, wherein the serving the plurality of applications comprises serving a parent application comprising a plurality of application modules, each of the application modules directed to at least one of the respective users.

24. (Original) The method as defined in claim 21, wherein the plurality of applications comprises at least one selected from a geoscience application, a petroleum land management application, a drilling engineering application, a finance application, and a reservoir engineering application, a production forecast application, and a portfolio optimization application.

25. (Original) The method as defined in claim 21, further comprising:

applying at least one business process model to selected ones of the stored data to generate modeled data; and

automatically updating the modeled data when selected ones of the stored data are

updated by operation of any one of the served applications.

26. (Original) The system according to claim 25, wherein applying the business process model comprises creating an optimized drilling schedule based on a selected criterion.

27. (Original) The system according to claim 25, wherein applying the business process model comprises forecasting hydrocarbon production for a selected drilling schedule.

28. (Currently Amended) A method for managing a hydrocarbon-producing portfolio, comprising:

having a plurality of asset team members each using an application related to ~~the~~ a function of the respective asset team member to generate data relevant ~~thereto~~ to the hydrocarbon-producing portfolio; the asset team members comprising at least two selected from a geoscientist, a landman, a reservoir engineer, a regulatory compliance administrator, a right-of-way administrator, a drilling engineer, a completion engineer, a finance analyst, a field operator, a sales and marketing representative, and a portfolio manager; and

automatically updating ~~corresponding~~ related data that are tied to the generated data by a key parameter field ~~used by any other one of the applications based on the data generated by using at least one of the applications~~.

29. (Original) The method of claim 28, wherein the applications comprise at least two selected from a seismic interpretation application, a production forecasting application, a petroleum land management application, a regulatory compliance application, a drilling engineering application, and a portfolio optimization application.

30. (Original) The method of claim 28, further comprising:

applying at least one business process model to select ones of the corresponding data to generate modeled data.

31. (Original) The method according to claim 30, wherein the applying at least one business process model comprises determining an optimized drilling schedule.

32. (Original) The method according to claim 31, wherein the optimized drilling schedule is determined based on at least one selected from product price forecasts and production predictions.

33. (Original) The method according to claim 32, wherein the optimized drilling schedule is determined based on a selected criterion comprising at least one selected from developing most profitable assets first, achieving a selected net cash flow, achieving a selected earnings, achieving a selected level of production, satisfying obligations on time, and developing assets to achieve the greatest net cash flow in a selected amount of time for a selected amount of capital.

34. (Original) The method according to claim 30, wherein the applying at least one business process model comprises forecasting hydrocarbon production.

35. (Original) The method according to claim 30, wherein the applying at least one business process model comprises automatically populating regulatory forms based on corresponding data.

36. (Original) The method according to claim 30, wherein the applying at least one business process model comprises determining drilling costs associated with at least one prospectively drilled well.

37. (Previously Presented) The method according to claim 28, wherein the hydrocarbon-producing portfolio comprises existing and prospective well locations, petroleum land management information related to the existing and an prospective well locations, and estimated hydrocarbon reserves in reservoirs penetrated by the existing and prospective wells.

38. (Original) The method according to claim 28, further comprising notifying at least one of the asset team members that corresponding data used by the one of the applications used by the at least one asset team member have been updated by operation of the other one of the applications used by at least one other asset team member.

39. (Original) The method according to claim 28, further comprising limiting any one of the asset team members from updating selected ones of the corresponding data outside of the function of the any one of the asset team members.

40. (Original) The method according to claim 28, further comprising restricting selected ones of the asset team members from updating selected corresponding data prior to other selected ones of the asset team members generating other selected corresponding data.